

U.S. Application No.:  
PRELIMINARY AMENDMENT

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IN THE CLAIMS:

Page 10, line 1, please delete "PATENT CLAIMS" and insert  
therefore --What is Claimed is:--

Please cancel claims 1-15 and add the following new claims:

--16. System for assisting an operator of a technical  
appliance, said system including an image display device for  
displaying information in the form of an image or symbol in the  
normal field of vision of the operator in situations requiring  
reaction of the operator, wherein said image or symbol (1) is  
displayed at least once for a brief period of time, and wherein  
the duration of the display is below the threshold of recognition  
and above a subconscious threshold of detection of the operator.

17. System according to Claim 16, wherein the operationally  
relevant information is displayed briefly immediately after  
recognition of the appropriate situation.

18. System according to claim 16, wherein the operationally  
relevant information is warning information.

19. System according to claim 16, wherein the technical  
appliance is an automotive vehicle.

20. System according to Claim 16, further including  
at least one device for automatic recognition of situations  
which may require the reaction of the automotive vehicle operator  
and

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a device for controlling the image display device (2) to display appropriate operationally relevant information when the device for automatic recognition recognizes an appropriate situation.

21. System according to Claim 20, wherein the situation to be recognized is a danger situation.

22. System according to Claim 20, wherein the at least one device for automatic recognition of situations is one or more of the following devices:

- a) a device for recognition of an inappropriate speed of the vehicle prior to a curve,
- b) a device for recognition of traffic signs,
- c) a device for recognition of road conditions,
- d) a device for recognition of traffic signals
- e) a device for recognition of approach situations,
- f) a device for recognition of crossing situations,
- g) a device for recognition of pedestrians,
- h) a device for recognition of low signal amplitude and tedious driving situations.

24. System according to Claims 20, wherein the briefly displayed images or symbols (1) include one or more of the following objects:

- a) images of appropriate situations,

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- AI Control*
- b) pictograms,
  - c) traffic signals,
  - d) arrows,
  - e) written words.

25. System according to claim 16, wherein the image display device is a heads-up display.

26. System according to Claim 25, wherein the heads-up display is wearable by the operator in the manner of at least one of glasses or goggles.

27. System according to Claim 16, wherein the image display device is a display screen (2) for direct observation by the operator.

28. System according to Claim 27, wherein the display screen is a display screen (2) with controllable pixels on the instrument panel for representation of operating parameters of the vehicle.

29. System according to claim 16, wherein the duration with which a respective image or symbol (1) is briefly displayed is adjustable by the operator.

*AI*

30. System for assisting an operator of a technical appliance, said system including an image display device for displaying operationally relevant information in the form of an image or symbol in the normal field of vision of the operator, wherein said image or symbol (1) is displayed at least once for a brief period of time, and wherein the duration of the display is below